

Ritto RGE1786570

Ritto by Schneider RGE1786570 Video Intercom System User Manual

Model: RGE1786570

1. INTRODUCTION

Thank you for choosing the Ritto by Schneider RGE1786570 Video Intercom System. This manual provides essential information for the proper installation, operation, and maintenance of your new video intercom. Please read this manual thoroughly before attempting to install or operate the device to ensure safe and efficient use. Keep this manual for future reference.

2. SAFETY INFORMATION

Always observe the following safety precautions to prevent injury and damage to the device:

- **Electrical Safety:** Installation and wiring must be performed by a qualified electrician in accordance with all local and national electrical codes. Ensure power is disconnected before any installation or maintenance.
- **Environment:** Do not expose the device to extreme temperatures, humidity, rain, or direct sunlight for prolonged periods. Ensure the installation location is dry and well-ventilated.
- **Handling:** Handle the device with care. Avoid dropping or subjecting it to strong impacts.
- **Cleaning:** Use a soft, dry cloth for cleaning. Do not use abrasive cleaners, solvents, or aerosol sprays.
- **Modifications:** Do not attempt to open, disassemble, or modify the device. Unauthorized modifications can lead to electric shock, fire, or damage to the product, and will void the warranty.

3. PACKAGE CONTENTS

Please check the contents of your package. If any items are missing or damaged, contact your retailer immediately.

- Ritto by Schneider RGE1786570 Video Intercom Unit
- Mounting Bracket
- Mounting Screws and Wall Plugs
- User Manual (this document)
- *(Additional accessories may vary by region or package)*

4. PRODUCT OVERVIEW

The Ritto by Schneider RGE1786570 is a robust video intercom system designed for reliable communication and access control. It typically consists of an outdoor station (door unit with camera and microphone) and an indoor station (monitor with speaker and controls).

Key Components:

- **Outdoor Unit:** Features a camera, microphone, speaker, and call button. Designed for outdoor installation.
- **Indoor Unit (Monitor):** Features a display screen, speaker, microphone, and control buttons for viewing visitors, speaking, and unlocking doors.
- **Power Supply:** Provides power to the system.
- **Wiring Terminals:** For connecting power, outdoor unit, and optional door lock.

Specific component layout and button functions will be detailed in the installation and operation sections.

5. SETUP AND INSTALLATION

Installation of the Ritto by Schneider RGE1786570 Video Intercom System requires electrical wiring and should only be performed by a qualified professional. Incorrect installation can lead to system malfunction or safety hazards.

5.1 Pre-Installation Checklist:

- Ensure all package contents are present.
- Verify the power supply voltage matches the system requirements.
- Choose appropriate mounting locations for both indoor and outdoor units, considering wiring routes and optimal camera view.
- Gather necessary tools (drills, screwdrivers, wire strippers, etc.).

5.2 Mounting the Outdoor Unit:

1. Select a suitable outdoor location, typically near the main entrance, at a height that allows the camera to capture visitors' faces clearly (e.g., 1.5 to 1.6 meters from the ground).
2. Use the mounting bracket as a template to mark drilling points on the wall.
3. Drill holes and insert wall plugs.
4. Secure the mounting bracket to the wall with screws.
5. Route the necessary wiring through the wall opening to the outdoor unit's connection terminals.

5.3 Mounting the Indoor Unit:

1. Choose an indoor location, such as a hallway or living room, where the monitor is easily accessible and visible.
2. Mark drilling points using the indoor unit's mounting bracket.
3. Drill holes, insert wall plugs, and secure the mounting bracket.
4. Route the wiring from the outdoor unit and power supply to the indoor unit's connection terminals.

5.4 Wiring Connections:

Refer to the wiring diagram provided with your specific product packaging for detailed connection instructions. General connections include:

- **Power Supply:** Connect the power adapter to the indoor unit and a suitable power outlet.
- **Outdoor Unit to Indoor Unit:** Connect the multi-core cable between the outdoor unit and the indoor unit, ensuring correct terminal matching (e.g., Video, Audio, Power, Ground).

- **Door Lock (Optional):** If integrating with an electronic door lock, connect the lock control wires from the indoor unit to the lock mechanism.

After all connections are made, carefully attach the units to their respective mounting brackets.

6. OPERATING INSTRUCTIONS

6.1 Receiving a Call:

1. When a visitor presses the call button on the outdoor unit, the indoor monitor will ring and display the visitor's image.
2. Press the **"Answer"** button (often represented by a phone icon) on the indoor monitor to establish two-way audio communication.
3. To end the call, press the **"End Call"** button (often represented by a hang-up phone icon).

6.2 Unlocking the Door:

During a call, or when viewing the outdoor unit, press the **"Unlock"** button (often represented by a key or unlock icon) on the indoor monitor to activate the connected electronic door lock.

6.3 Monitoring the Outdoor Area:

To view the outdoor area without a visitor pressing the call button, press the **"Monitor"** button (often represented by an eye or camera icon) on the indoor monitor. The screen will display the live feed from the outdoor unit's camera.

6.4 Adjusting Settings:

The indoor monitor may have buttons or an on-screen menu for adjusting settings such as:

- Ring volume
- Display brightness/contrast
- Intercom volume

Refer to the specific button layout on your indoor monitor for exact controls.

7. MAINTENANCE

Regular maintenance ensures the longevity and optimal performance of your video intercom system.

- **Cleaning:** Wipe the indoor and outdoor units with a soft, dry, or slightly damp cloth. Do not use harsh chemicals or abrasive materials. Ensure the camera lens on the outdoor unit is clean for clear video.
- **Inspection:** Periodically check all visible wiring for signs of wear or damage. Ensure all connections are secure.
- **Environmental Protection:** Ensure the outdoor unit's weather seal remains intact to protect against moisture ingress.

8. TROUBLESHOOTING

If you encounter issues with your Ritto by Schneider RGE1786570, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
No power to indoor monitor.	Power adapter unplugged or faulty; circuit breaker tripped.	Check power connections. Ensure the power outlet is functional. Reset circuit breaker if necessary.
No video from outdoor unit.	Loose or damaged video cable; faulty outdoor unit camera.	Check video cable connections between units. Ensure camera lens is clean.

Problem	Possible Cause	Solution
No audio during call.	Loose audio cable; microphone/speaker malfunction; volume too low.	Check audio cable connections. Adjust volume settings on the indoor monitor.
Door unlock function not working.	Incorrect wiring to door lock; faulty lock mechanism; insufficient power to lock.	Verify door lock wiring. Test the door lock independently if possible. Consult a professional.
Intermittent operation.	Loose connections; interference; power fluctuations.	Check all wiring connections. Ensure stable power supply. Avoid installing near strong electromagnetic sources.

If the problem persists after attempting these solutions, please contact qualified service personnel.

9. SPECIFICATIONS

The following specifications are for the Ritto by Schneider RGE1786570 Video Intercom System:

- **Model Number:** RGE1786570
- **Manufacturer:** Ritto by Schneider
- **Dimensions (L x W x H):** 24.9 x 15.6 x 5.7 cm
- **Weight:** 9.07 grams
- **Color:** Multicolore (as per product listing, actual unit may be white)
- **Batteries Required:** No
- **Batteries Included:** No
- **Country of Origin:** China
- **ASIN:** B007JTQ0I6

Specifications are subject to change without notice.

10. WARRANTY AND SUPPORT

Warranty information for the Ritto by Schneider RGE1786570 Video Intercom System is typically provided separately with your purchase or can be found on the manufacturer's official website. Please retain your proof of purchase for warranty claims.

For technical support, service, or inquiries regarding spare parts, please contact your retailer or the official Ritto by Schneider customer service channels. Information regarding spare parts availability is currently unavailable.

© 2023 Ritto by Schneider. All rights reserved.

ASK A QUESTION ABOUT THIS MANUAL

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page's manual context to help answer it.

Name

Anonymous

Email

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. [Privacy details](#).

Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question